AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-35 (Cancelled)

36. (Currently Amended) In a server connected to a client over a network, a method of generating a compressed video stream of a user interface in order to provide said client with remote access to ~~a~~ one or more computer programs running at said server, said method comprising:

executing ~~said~~ a computer program at said server, said computer program providing a plurality of display commands which represent a user interface for said computer program;

drawing at least a portion of said user interface for said computer program on a virtual display at said server;

prior to compressing said user interface for remote display at said client, generating a plurality of quantized transform coefficients from said display commands, wherein one or more different quantized transform coefficients are generated for different display commands;

creating a compressed video stream ~~from~~ of said user interface ~~said plurality of display commands~~ by utilizing said coefficients for said different display commands;

sending said compressed video stream to said client for remotely displaying said user interface at said client as a video stream as opposed to said plurality of display commands provided by said program; ~~and~~

receiving user input from said client that is directed to said user interface; and

based on the received user input from said client, sending a second compressed video stream to said client for remotely displaying a modified version of said user interface of said computer program.

37. (Previously Presented) A method according to claim 36, wherein said generating comprises looking up coefficients in a table.

38. (Previously Presented) A method according to claim 36, wherein said generating comprises calculating coefficients.

39. (Previously Presented) A method according to claim 36, comprising determining a display requirement and wherein said quantization is responsive to said determination.

40. (Previously Presented) A method according to claim 36, wherein said coefficients are generated quantized.

41. (Previously Presented) A method according to claim 36, wherein said coefficients are generated unquantized and comprising quantizing said generated coefficients.

42. (Previously Presented) A method according to claim 41, wherein said coefficients are quantized separately for different commands.

43. (Previously Presented) A method according to claim 41, wherein said coefficients are quantized separately for different image blocks.

44. (Previously Presented) A method according to claim 41, wherein said coefficients for an entire image are quantized together.

45. (Previously Presented) A method according to claim 41, wherein said quantization is responsive to a desired bandwidth of said stream.

46. (Previously Presented) A method according to claim 41, wherein said quantization is responsive to a desired quality of said stream.

47. (Previously Presented) A method according to claim 36, wherein said coefficients are quantized differently responsive to an identification of the command type.

48. (Previously Presented) A method according to claim 36, wherein said coefficients are quantized differently responsive to a display content generated by said command.

49. (Previously Presented) A method according to claim 36, wherein said coefficients are quantized differently responsive to a spatial effect of said command.

50. (Previously Presented) A method according to claim 36, wherein said coefficients are quantized differently, responsive to a frequency to which said coefficient corresponds.

51. (Previously Presented) A method according to claim 36, wherein said commands are provided and coefficients generated sequentially for individual commands.

52. (Previously Presented) A method according to claim 36, wherein said commands are provided and coefficients generated on a block-by-block basis.

53. (Previously Presented) A method according to claim 36, wherein said commands are provided and coefficients generated on a frame-by-frame basis.

54. (Previously Presented) A method according to claim 36, comprising varying said generation between corresponding commands on consecutive frames.

55. (Previously Presented) A method according to claim 54, wherein said varying comprises generating a different effective refresh rate for different commands.

56. (Previously Presented) A method according to claim 36, comprising preprocessing at least one of said commands prior to said generation.

57. (Previously Presented) A method according to claim 56, wherein said preprocessing interacts with said generation to require achieving a lower bit-rate for said command.

58. (Previously Presented) A method according to claim 56, wherein said preprocessing interacts with said generation to counteract visibility reducing effects of said generation.

59. (Previously Presented) A method according to claim 56, wherein said pre processing interacts with said generation to increase a visibility of an effect of a command.

60. (Previously Presented) A method according to claim 36, wherein providing said display commands comprises providing a plurality of sets of display commands, each corresponding to a different compressed stream.

61. (Previously Presented) A method according to claim 60, wherein a same display command is compressed differently for the different sets.

62. (Previously Presented) A method according to claim 36, wherein said plurality of display commands corresponds to an Internet browser user interface.

63. (Previously Presented) A method according to claim 36, wherein creating said compressed video stream comprises creating a stream including both an effect of said commands and at least a portion of an additionally provided compressed video stream.

64. (Previously Presented) A method according to claim 36, wherein a text display command is quantized using a finer quantization than a graphics command.

65. (Previously Presented) A method according to claim 36, comprising broadcasting said generated video stream to a plurality of users, using a compressed video transport stream.

66. (Currently Amended) In a server connected to a client over a network, a method of generating a compressed video stream of a user interface in order to provide said client with remote access to one or more ~~a~~ computer programs running at said server, said method comprising:

executing a computer program at ~~said~~ a server, said computer program providing a plurality of display commands which represent a user interface for said computer program;

drawing at least a portion of said user interface for said program on a virtual display at said server;

prior to compressing said user interface for remote display at said client, setting at least one compression parameter to different values for different ones of said display commands;

creating a compressed video stream ~~from~~ of said user interface by ~~said commands~~ utilizing said at least one compression parameter for said commands;

sending said compressed video stream to said client for remotely displaying said user interface at said client as a video stream as opposed to said plurality of display commands provided by said program; and

receiving user input from said client that is directed to said user interface.

67. (Previously Presented) A method according to claim 66, wherein said at least one compression parameter comprises a spatial quantization parameter.

68. (Previously Presented) A method according to claim 66, wherein said at least one compression parameter comprises a refresh rate.

69. (Previously Presented) A method according to claim 66, wherein said at least one compression parameter comprises a spectral quantization parameter.

70. (Previously Presented) A method according to claim 66, wherein said at least one compression parameter comprises an intensity quantization parameter.

71. (Previously Presented) A method according to claim 66, comprising broadcasting said generated video stream to a plurality of users, using a compressed video transport system.